

ABSTRACT OF THE DISCLOSURE

A Direction Finding Method and System Using Transmission Signature Differentiation is disclosed. Also disclosed is a system that is able to identify which signal is coming from which transmitter. Furthermore, the can take each respective transmitter's LOB data and process them separately. The system is further capable of being fully automated in order to reduce the processing time and eliminate the necessity of human intervention. In an alternative embodiment of the present invention the system can feasibly be remotely controlled a network such that the information can be collected from other from similar systems. In this way, a far more efficient DF System can be achieved in which multiple transmitters' positions can be determined more quickly from a centralized command facility.